

Title (en)

MEASUREMENT OF STRAIN IN AN ADHESIVELY BONDED JOINT INCLUDING MAGNETOSTRICTIVE MATERIAL

Title (de)

DEHNUNGSMESSUNG IN EINER MAGNETORESTRIKTIVES MATERIAL ENTHALTENDEN KLEBSTOFFGEBONDETEN VERBINDUNG

Title (fr)

MESURE DE CONTRAINTE DANS UN JOINT COLLÉ DE MANIÈRE ADHÉSIVE COMPRENANT UN MATÉRIAU MAGNÉTOSTRICTIF

Publication

**EP 2310187 B1 20161221 (EN)**

Application

**EP 09789741 A 20090602**

Priority

- US 2009045948 W 20090602
- US 16976808 A 20080709

Abstract (en)

[origin: US2010005896A1] Sensing strain in an adhesively bonded joint includes inducing a strain wave in the joint, and sensing a change in local magnetic characteristics in the joint.

IPC 8 full level

**B29C 65/00** (2006.01); **B29C 65/48** (2006.01); **B29C 65/82** (2006.01); **G01B 7/24** (2006.01); **G01L 1/12** (2006.01); **G01N 19/04** (2006.01); **G01N 27/72** (2006.01); **G01N 29/24** (2006.01); **B29K 101/10** (2006.01); **B29K 101/12** (2006.01); **B29K 105/06** (2006.01)

CPC (source: EP US)

**B29C 65/4855** (2013.01 - EP US); **B29C 65/8284** (2013.01 - EP US); **B29C 66/1122** (2013.01 - EP US); **B29C 66/45** (2013.01 - EP US); **G01B 7/24** (2013.01 - EP US); **G01L 1/125** (2013.01 - EP US); **G01N 19/04** (2013.01 - EP US); **G01N 27/72** (2013.01 - EP US); **G01N 29/2437** (2013.01 - EP US); **G01R 33/18** (2013.01 - US); **B29C 65/488** (2013.01 - EP US); **B29C 65/489** (2013.01 - EP US); **B29C 66/721** (2013.01 - EP US); **B29K 2101/10** (2013.01 - EP US); **B29K 2101/12** (2013.01 - EP US); **B29K 2105/06** (2013.01 - EP US); **G01N 2203/0244** (2013.01 - EP US); **G01N 2203/0635** (2013.01 - EP US); **G01N 2203/0658** (2013.01 - EP US); **G01N 2291/0231** (2013.01 - EP US); **G01N 2291/02827** (2013.01 - EP US); **G01N 2291/2694** (2013.01 - EP US)

Citation (examination)

- JP H06155583 A 19940603 - HONDA MOTOR CO LTD
- WO 9845703 A1 19981015 - MINNESOTA MINING & MFG [US]
- US 2005217388 A1 20051006 - HEYMAN JOSEPH S [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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